

Product datasheet for **BIN025**

HIV-1 (Gag Capsid protein p24) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	HIV-1 Gag Capsid protein p24 human recombinant protein, 1 mg
Species:	Human
Expression Host:	Pichia pastoris
Concentration:	lot specific
Purity:	Purity compares with reference lot (verified by SDS-PAGE).
Buffer:	Presentation State: Azide Free State: Liquid purified protein Buffer System: 0.02M Sodium phosphate, pH 6.5-7.5 without preservatives
Preparation:	Liquid purified protein
Applications:	Suitable for use in ELISA and Western blot.
Protein Description:	Human Immunodeficiency Virus-1 (HIV-1), p24, Recombinant. Recombinant HIV-1 p24 from HxB2 strain (entire p24 protein - total 231 amino acids). Contains a 6 histidine fusion partner. Major immunospecific band at 23 kDa. Minor bands at 46, 20, 18 and 6.5 kDa.
Storage:	Store at -20° to -70°C. Aliquot to avoid multiple freeze/thaw cycles.
Stability:	Shelf life: six months from despatch.
Locus ID:	109864281
Synonyms:	HIV1, HIV-I, Human immunodeficiency virus type 1
Summary:	HIV is a highly variable virus which mutates very readily. This means there are many different strains of HIV, even within the body of a single infected person. The strains of HIV1 can be classified into three groups : the "major" group M, the "outlier" group O and the "new" group N. These three groups may represent three separate introductions of simian immunodeficiency virus into humans. Group O appears to be restricted to West-Central Africa and group N, discovered in 1998 in Cameroon, is extremely rare. More than 90% of HIV1 infections belong to HIV1 group M.
Protein Families:	Suitable for use in ELISA and Western blot.



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